

ABSTRACT OF THE DISCLOSURE

An optical connector is disclosed and comprises a hollow, cylindrical shroud comprising a section, a bore defined within the section, the bore being adapted to fit an optical fiber connector therein and allow the same to plug or

- 5 unplug a predetermined number of times, the bore being terminated at a bottom opening of the section; a cylinder axially extended a predetermined distance from a center of the bottom of the section, the cylinder comprising a longitudinal hole with an optical fiber fitted therein wherein a precise circularity in each of the bore and the hole and coaxial characteristics of the same are obtained by
- 10 forming the shroud and the cylinder by electrical casting; and an annular flange formed integrally in a bottom of the shroud by electrical casting or injection molding, the flange being adapted to fasten a laser diode element or light detection element.